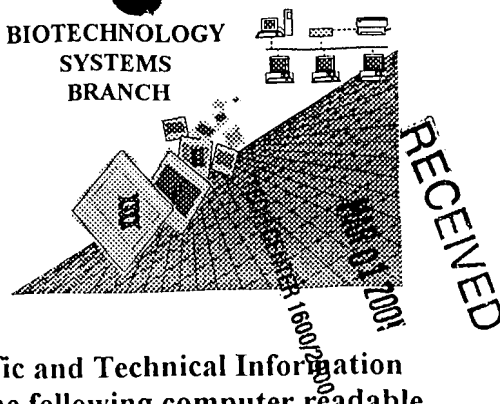


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/331,930
Source: 1647
Date Processed by STIC: 2/14/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1647

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/331,930

DATE: 02/14/2001
TIME: 16:28:38

**Does Not Comply
Corrected Diskette Needed**

Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I331930.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: (Other than US) INTERNATIONAL DIABETES INSTITUTE and DEAKIN
7 UNIVERSITY
8 (US only) G. COLLIER and P.Z. ZIMMET
10 (ii) TITLE OF INVENTION: A NOVEL GENE AND USES THEREFOR
12 (iii) NUMBER OF SEQUENCES: 14
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: DAVIES COLLISON CAVE
16 (B) STREET: 1 LITTLE COLLINS STREET
17 (C) CITY: MELBOURNE
18 (D) STATE: VICTORIA
19 (E) COUNTRY: AUSTRALIA
20 (F) ZIP: 3000
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: US/09/331,930
30 (B) FILING DATE: 30-Jun-1999
41 (C) CLASSIFICATION:
38 (vii) PRIOR APPLICATION DATA:
34 (A) APPLICATION NUMBER: PP0117/97
35 (B) FILING DATE: 31-OCT-1997
39 (A) APPLICATION NUMBER: PP0323/97
40 (B) FILING DATE: 11-NOV-1997
43 (viii) ATTORNEY/AGENT INFORMATION:
44 (A) NAME: HUGHES, DR E JOHN L
45 (C) REFERENCE/DOCKET NUMBER: EJH/AF
47 (ix) TELECOMMUNICATION INFORMATION:
48 (A) TELEPHONE: +61 3 9254 2777
49 (B) TELEFAX: +61 3 9254 2770
50 (C) TELEX: AA 31787

RECEIVED

MAR 05 2001

OFFICE OF PETITIONS

ERRORED SEQUENCES

229 (2) INFORMATION FOR SEQ ID NO: 9:

231 (i) SEQUENCE CHARACTERISTICS:

232 (A) LENGTH: 13 base pairs

233 (B) TYPE: nucleic acid

234 (C) STRANDEDNESS: single

235 (D) TOPOLOGY: linear

236 (ii) MOLECULE TYPE: DNA

237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

20 show (next page)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/331,930

DATE: 02/14/2001
TIME: 16:28:38

Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I331930.raw

E--> 239 GCTTGCTGAT CCACATCTGC 20

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/331,930

DATE: 02/14/2001
TIME: 16:28:39

Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I331930.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:60 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:132 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:161 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4
L:178 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5
L:195 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:210 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:223 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:236 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:239 M:204 E: No. of Bases differ, LENGTH:Input:13 Counted:20 SEQ:9
L:249 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10
L:261 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11
L:274 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12
L:287 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14